

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
 Data File : BP002531.D
 Acq On : 24 Jun 2020 19:51
 Operator : CG/JU
 Sample : L3096-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-03-011-A

Manual Integrations
 APPROVED

mohammad

Quant Time: Jun 25 01:40:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 24 13:54:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	6/25/2020 1:07:40 PM
1) 1,4-Dichlorobenzene-d4	7.58	152	239364	20.00	ng	0.00	
21) Naphthalene-d8	10.35	136	950643	20.00	ng	0.00	
39) Acenaphthene-d10	14.23	164	537915	20.00	ng	0.00	
64) Phenanthrene-d10	16.99	188	1085271	20.00	ng	0.00	
76) Chrysene-d12	21.09	240	753962	20.00	ng	0.00	
86) Perylene-d12	23.29	264	768483	20.00	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	2009654	155.36	ng	0.00	
7) Phenol-d6	6.78	99	2623792	152.35	ng	0.00	
23) Nitrobenzene-d5	8.73	82	1832438	115.11	ng	0.00	
42) 2,4,6-Tribromophenol	15.73	330	851651	165.36	ng	0.00	
45) 2-Fluorobiphenyl	12.85	172	3430462	107.23	ng	0.00	
79) Terphenyl-d14	19.58	244	3699901	146.08	ng	0.00	
Target Compounds							Qvalue
50) Dimethylphthalate	13.69	163	376041	10.202	ng		99
71) Phenanthrene	17.03	178	274420	5.406	ng		100
75) Fluoranthene	19.02	202	639752	10.557	ng		98
78) Pyrene	19.36	202	586400	12.697	ng		99
81) Benzo(a)anthracene	21.07	228	298569	6.938	ng		97
83) Chrysene	21.13	228	305618	7.495	ng		97
87) Indeno(1,2,3-cd)pyrene	25.50	276	208147	4.330	ng		98
88) Benzo(b)fluoranthene	22.64	252	413074	9.967	ng	#	95
89) Benzo(k)fluoranthene	22.67	252	143352m	3.641	ng		
90) Benzo(a)pyrene	23.19	252	280820	7.231	ng	#	96
92) Benzo(g,h,i)perylene	26.18	276	212650	5.325	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

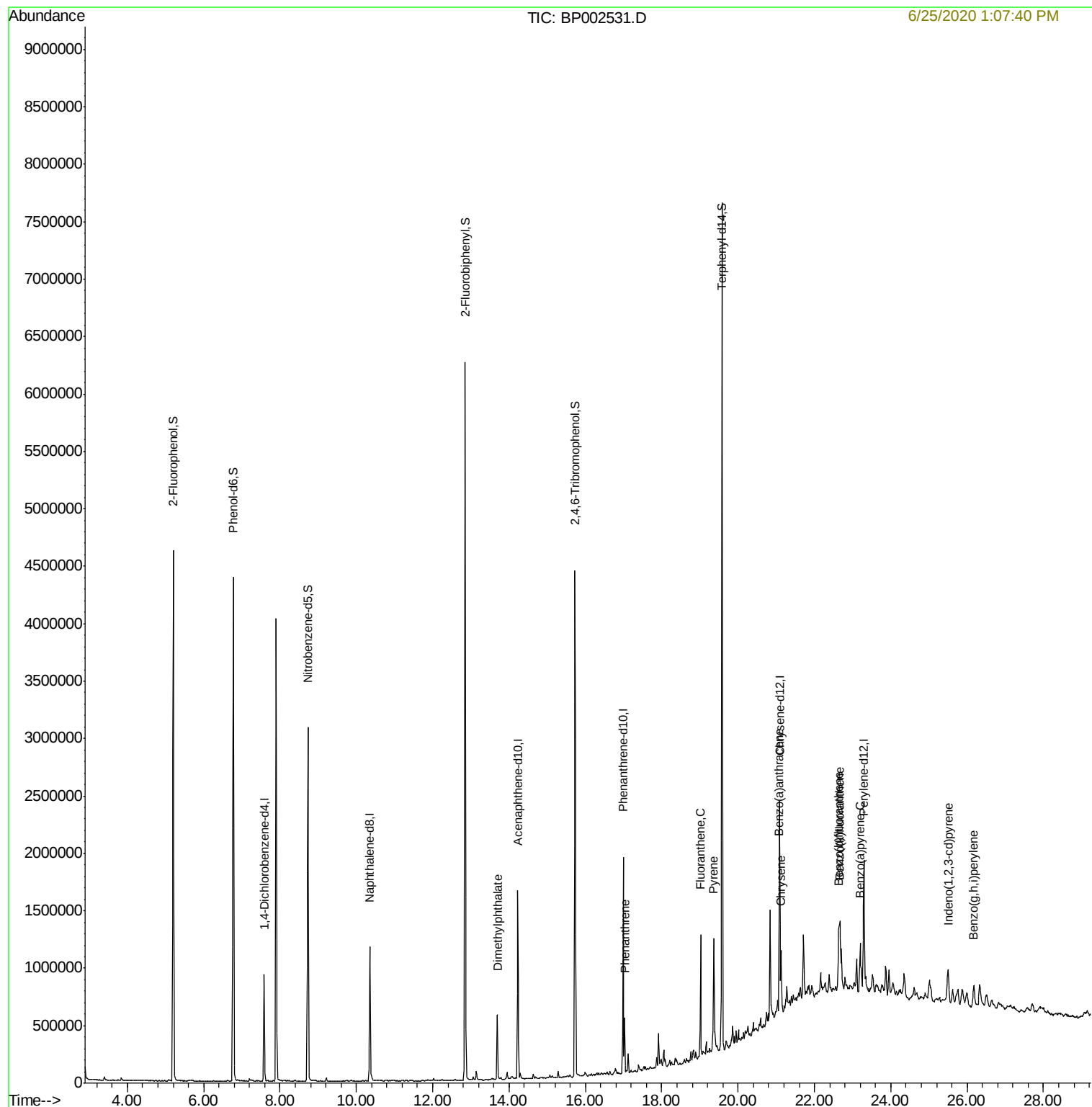
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
Data File : BP002531.D
Acq On : 24 Jun 2020 19:51
Operator : CG/JU
Sample : L3096-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

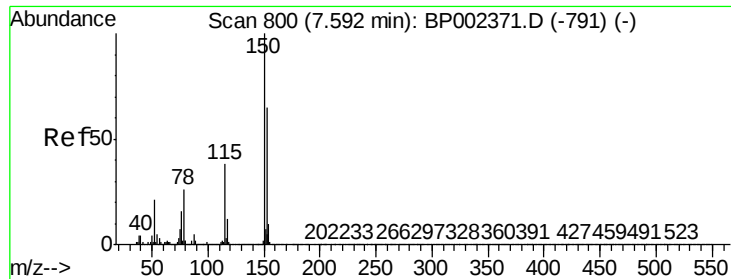
Instrument :
BNA_P
ClientSampleId :
FK-GF-03-011-A

Manual Integrations
APPROVED

mohammad

Quant Time: Jun 25 01:40:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 24 13:54:06 2020
Response via : Initial Calibration





#1

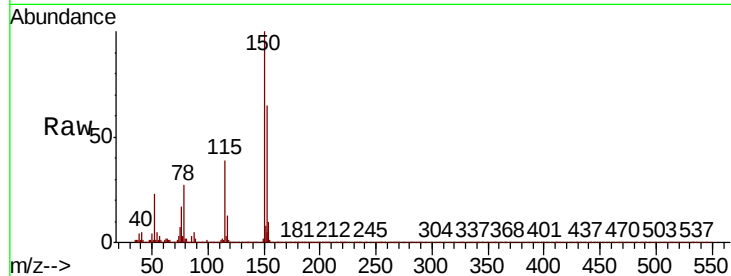
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 798
Delta R.T. 0.00 min
Lab File: BP002531.D
Acq: 24 Jun 2020 19:51

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-011-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.4	186.6
115	59.5	47.8	71.6

Manual Integrations
APPROVED

mohammad

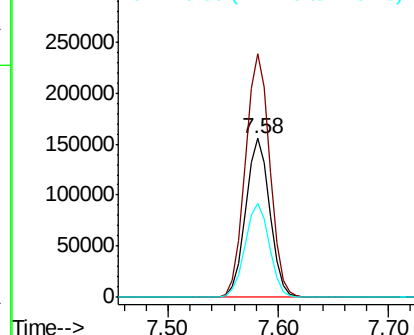


Abundance

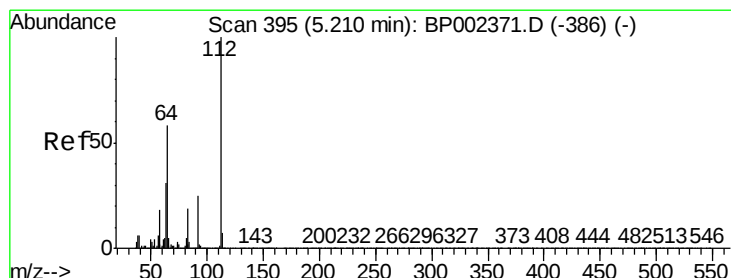
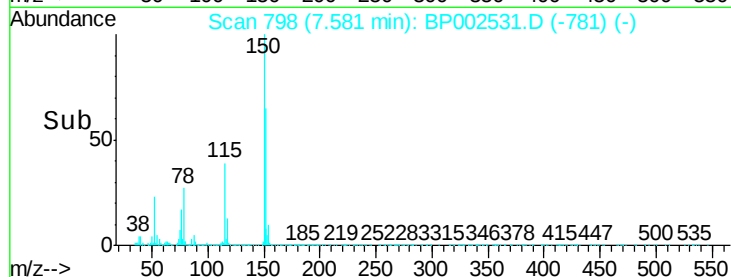
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



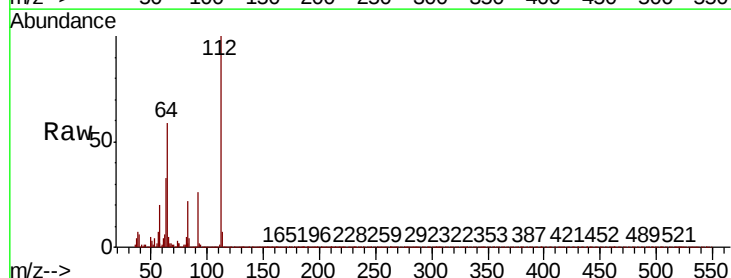
6/25/2020 1:07:40 PM



#5

2-Fluorophenol
Concen: 155.357 ng
RT: 5.20 min Scan# 394
Delta R.T. 0.00 min
Lab File: BP002531.D
Acq: 24 Jun 2020 19:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	46.4	69.6
63	32.7	25.0	37.6

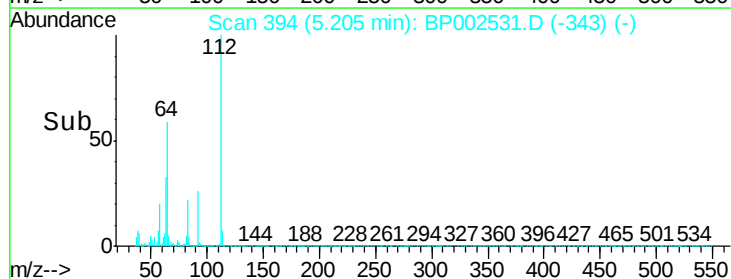
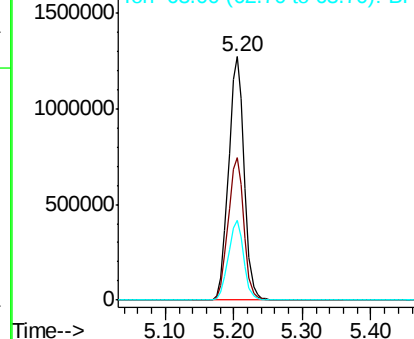


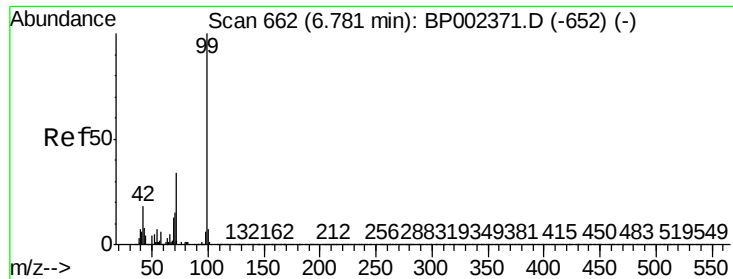
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 152.347 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.01 min

Lab File: BP002531.D

Acq: 24 Jun 2020 19:51

Instrument :

BNA_P

ClientSampleId :

FK-GF-03-011-A

Tot Ion: 99 Resp: 2623792

Ion Ratio Lower Upper

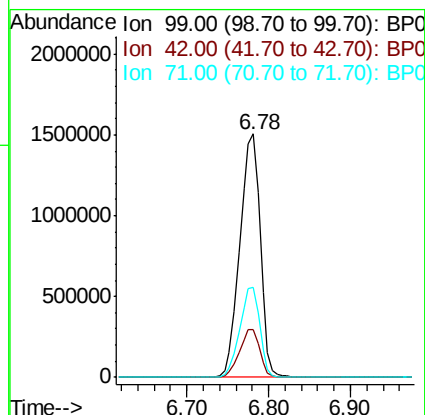
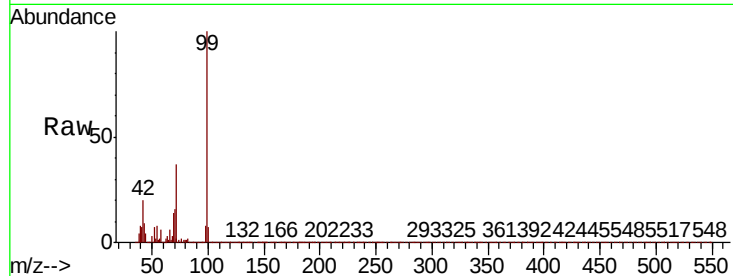
99 100

42 19.8 15.3 22.9

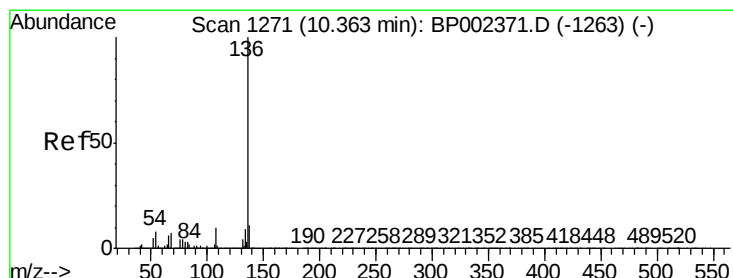
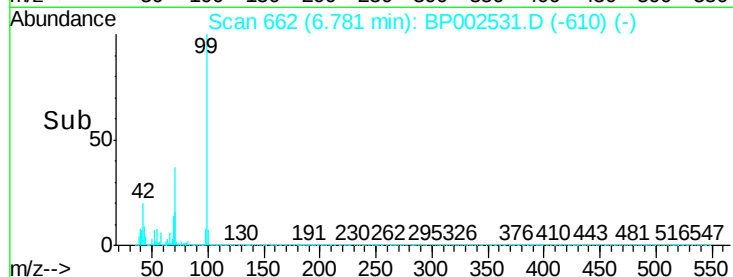
71 36.7 28.2 42.2

Manual Integrations
APPROVED

mohammad



6/25/2020 1:07:40 PM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BP002531.D

Acq: 24 Jun 2020 19:51

Tgt Ion: 136 Resp: 950643

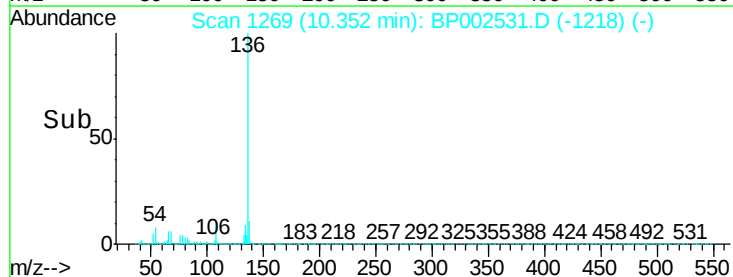
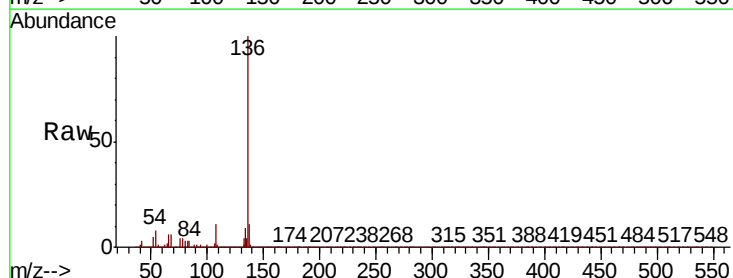
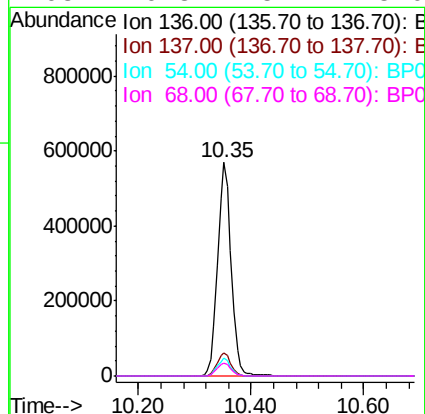
Ion Ratio Lower Upper

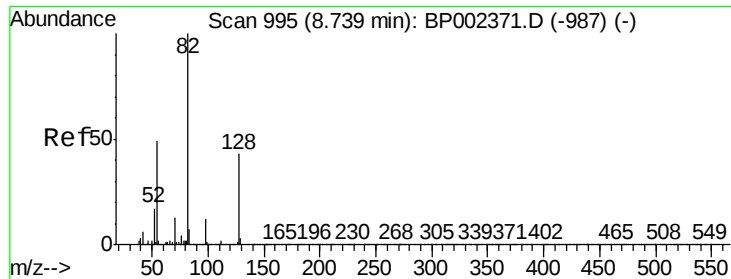
136 100

137 10.7 8.9 13.3

54 8.2 6.6 10.0

68 6.3 5.4 8.0





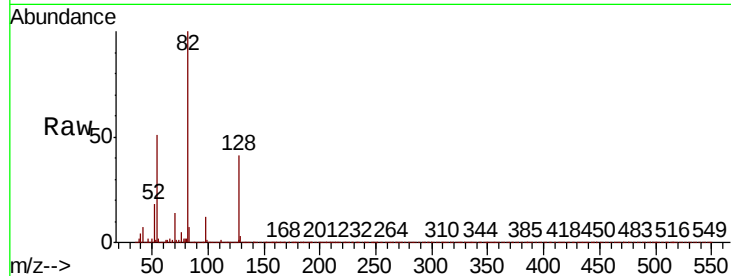
#23
Nitrobenzene-d5
Concen: 115.113 ng
RT: 8.73 min Scan# 993
Delta R.T. 0.00 min
Lab File: BP002531.D
Acq: 24 Jun 2020 19:51

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-011-A

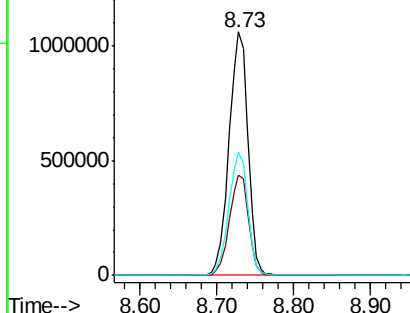
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.8	49.2
54	50.8	39.9	59.9

Manual Integrations
APPROVED

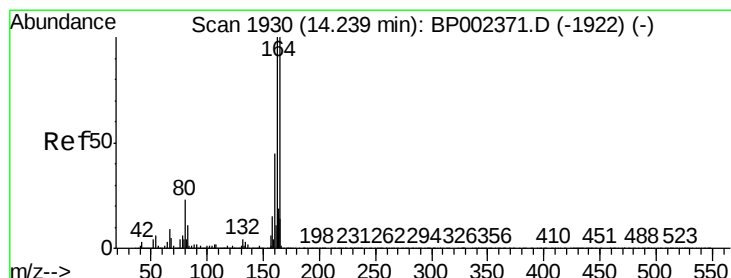
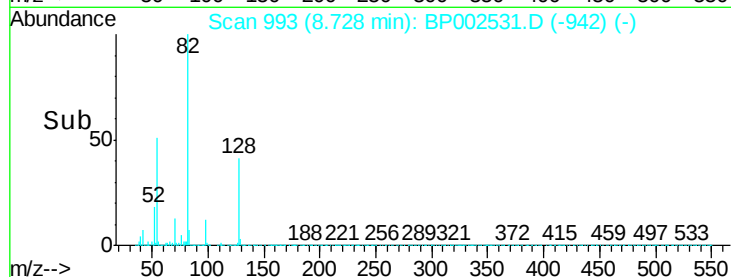
mohammad



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0

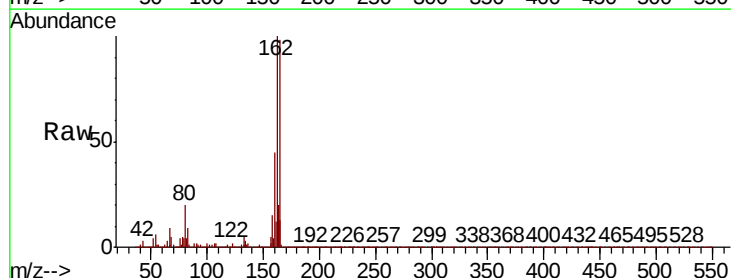


6/25/2020 1:07:40 PM

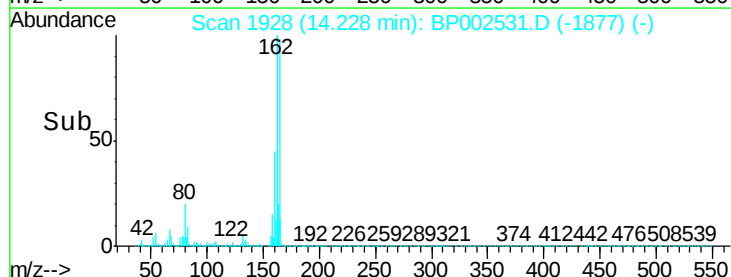
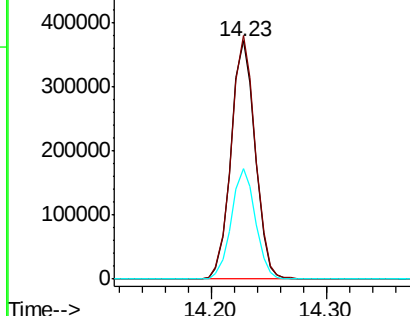


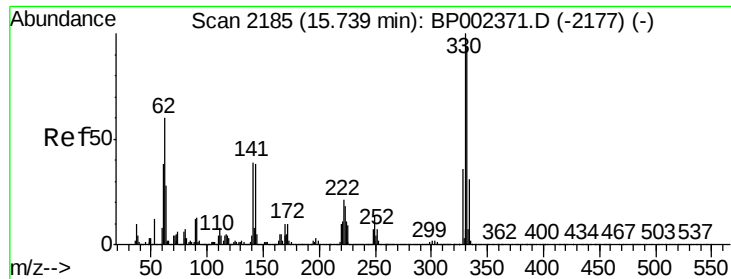
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BP002531.D
Acq: 24 Jun 2020 19:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.6	121.0
160	46.4	35.4	53.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





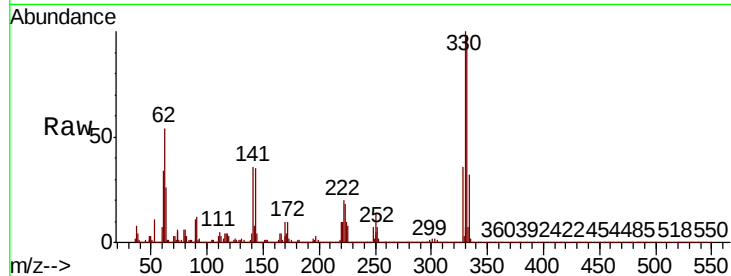
#42
2,4,6-Tribromophenol
Concen: 165.364 ng
RT: 15.73 min Scan# 2184
Delta R.T. 0.01 min
Lab File: BP002531.D
Acq: 24 Jun 2020 19:51

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-011-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.2	115.8
141	36.9	30.4	45.6

Manual Integrations
APPROVED

mohammad

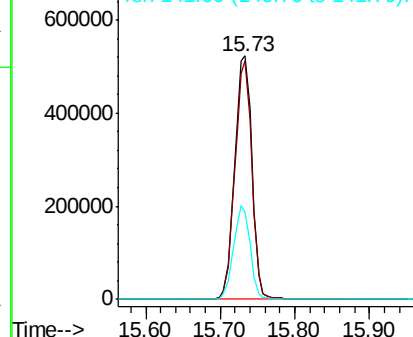


Abundance

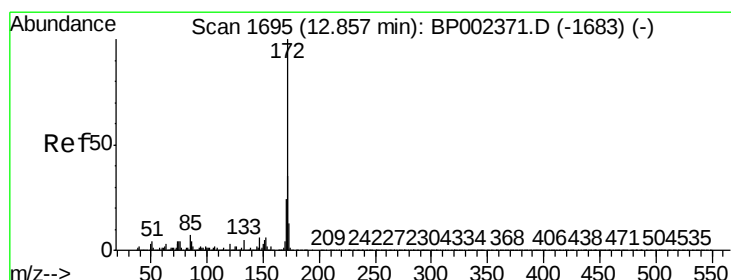
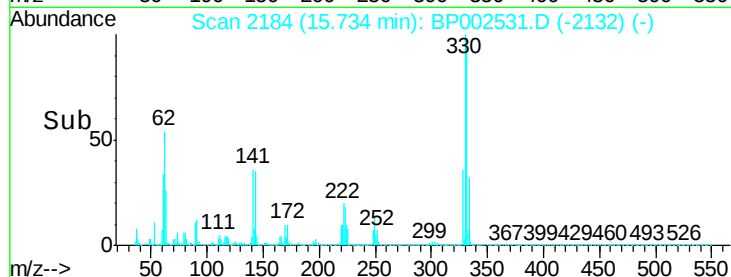
Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

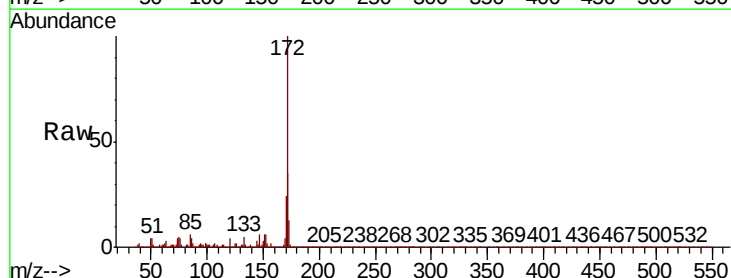


6/25/2020 1:07:40 PM



#45
2-Fluorobiphenyl
Concen: 107.230 ng
RT: 12.85 min Scan# 1693
Delta R.T. 0.00 min
Lab File: BP002531.D
Acq: 24 Jun 2020 19:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	24.3	19.0	28.6

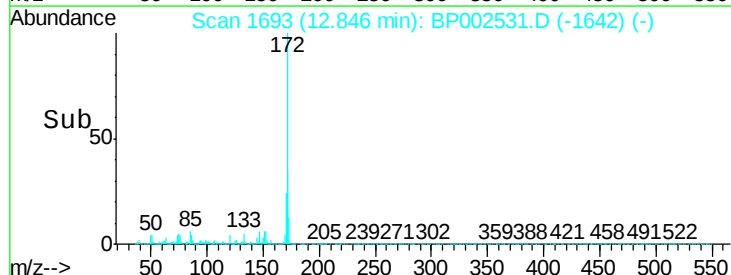
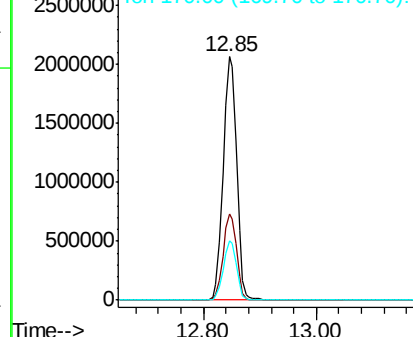


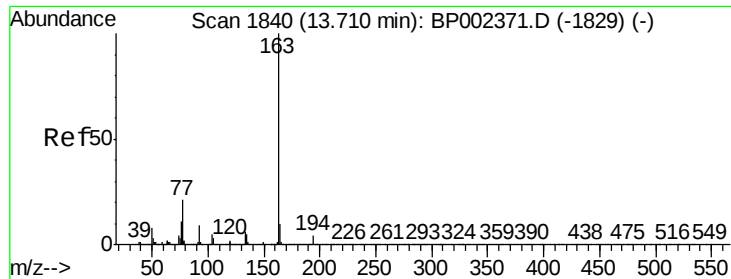
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





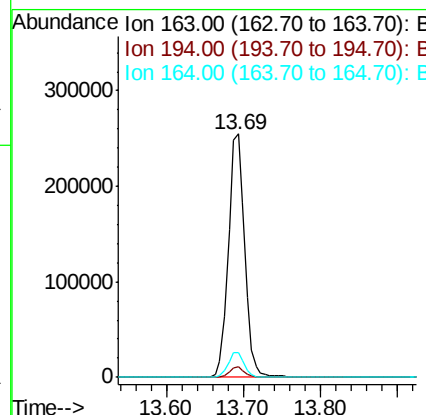
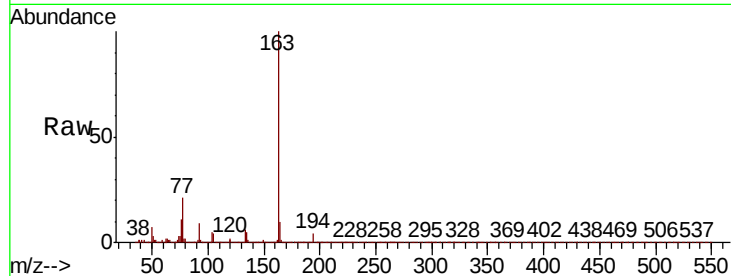
#50
Dimethylphthalate
Concen: 10.202 ng
RT: 13.69 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BP002531.D
Acq: 24 Jun 2020 19:51

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-011-A

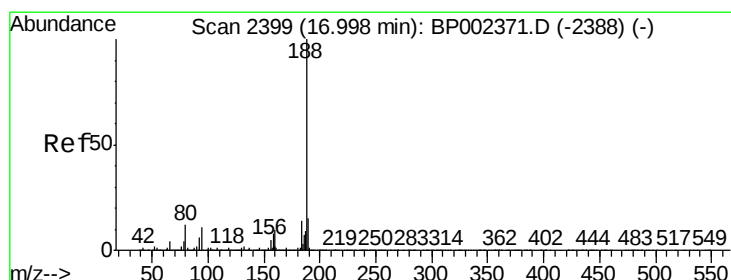
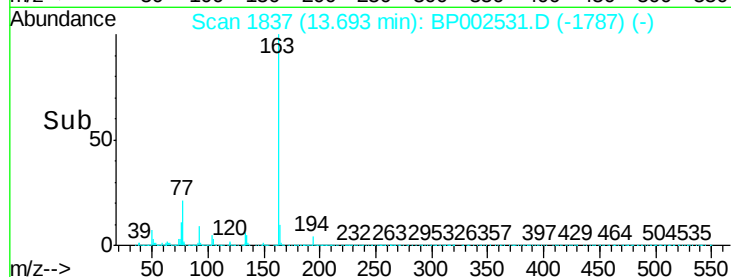
Tot Ion:	163	Resp:	376041
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.0
164	9.9	8.2	12.2

Manual Integrations
APPROVED

mohammad

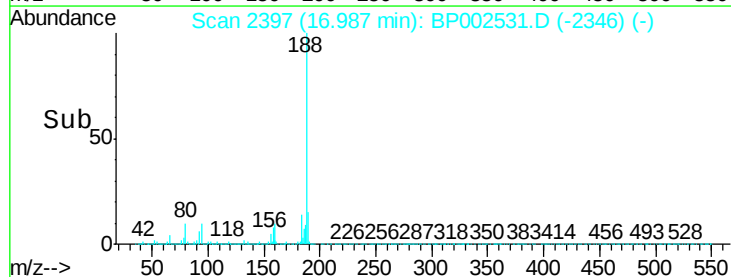
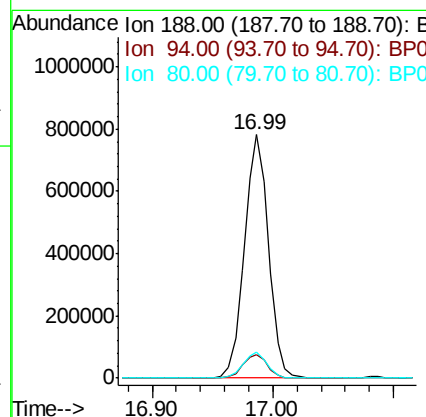
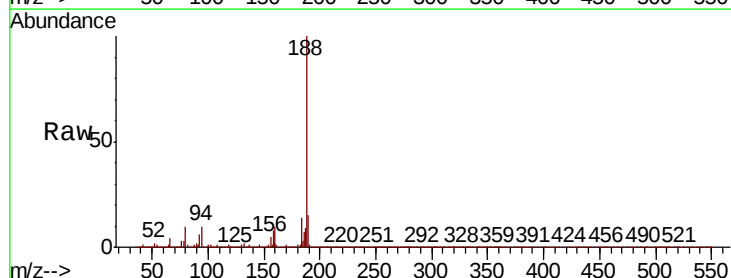


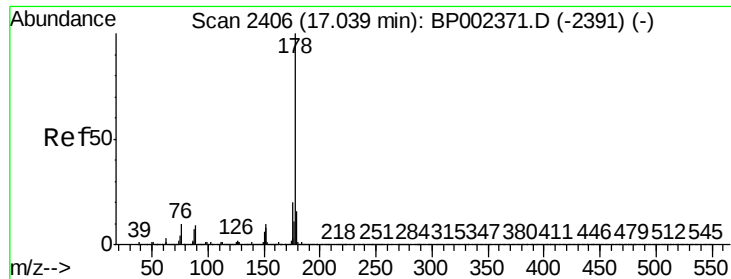
6/25/2020 1:07:40 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BP002531.D
Acq: 24 Jun 2020 19:51

Tgt Ion:	188	Resp:	1085271
Ion Ratio	Lower	Upper	
188	100		
94	9.8	7.6	11.4
80	10.5	8.3	12.5





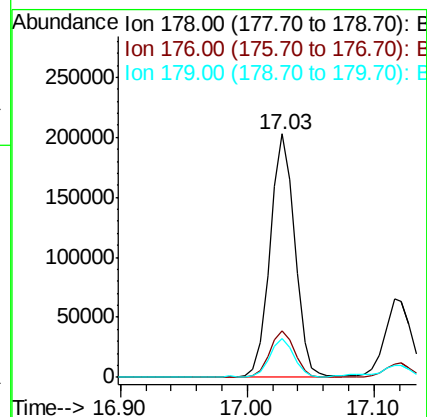
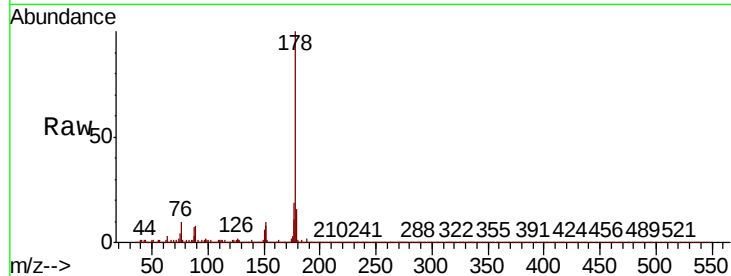
#71
Phenanthrene
Concen: 5.406 ng
RT: 17.03 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BP002531.D
Acq: 24 Jun 2020 19:51

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-011-A

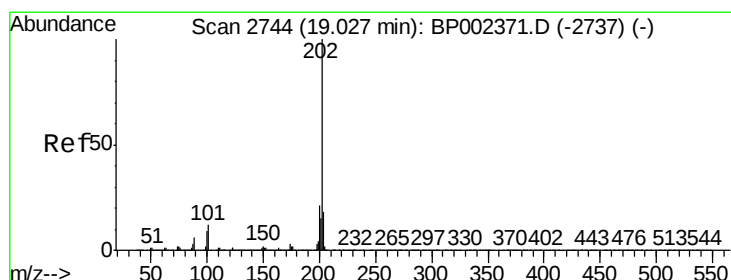
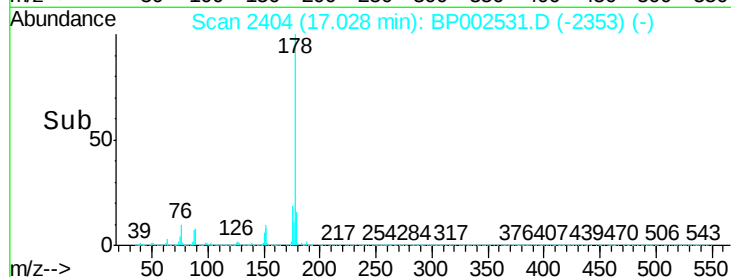
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.8	12.8	19.2

Manual Integrations
APPROVED

mohammad

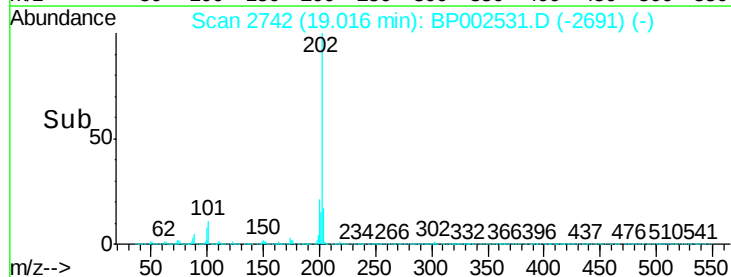
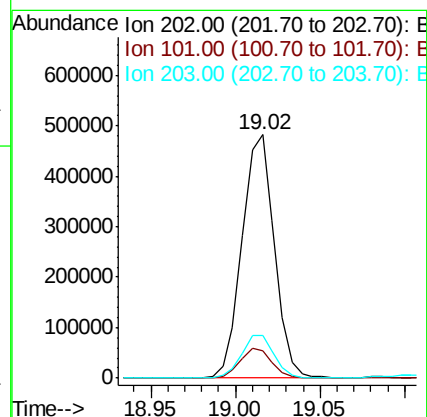
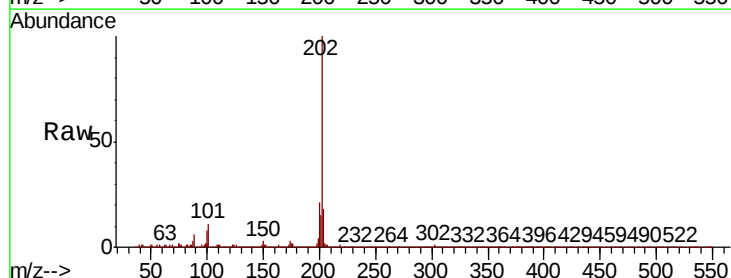


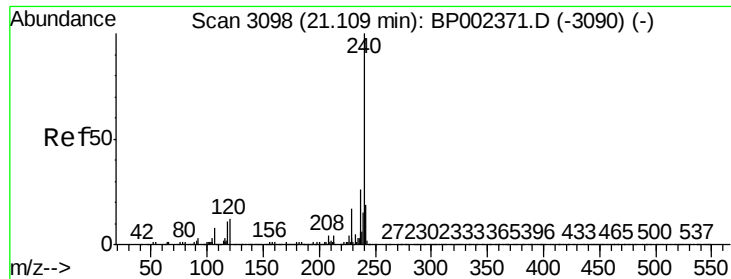
6/25/2020 1:07:40 PM



#75
Fluoranthene
Concen: 10.557 ng
RT: 19.02 min Scan# 2742
Delta R.T. 0.00 min
Lab File: BP002531.D
Acq: 24 Jun 2020 19:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.3
203	17.6	0.0	36.9





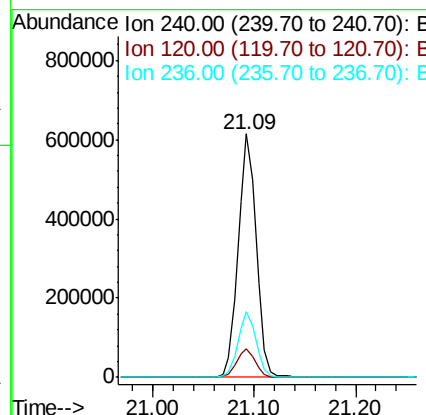
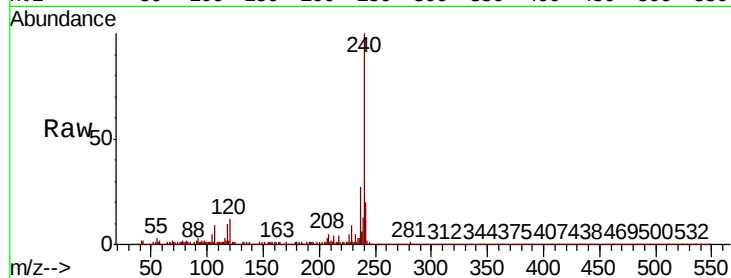
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BP002531.D
Acq: 24 Jun 2020 19:51

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-011-A

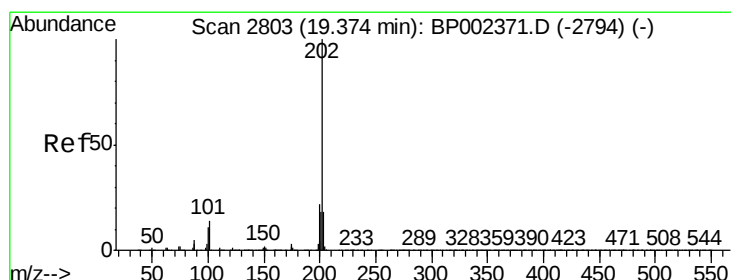
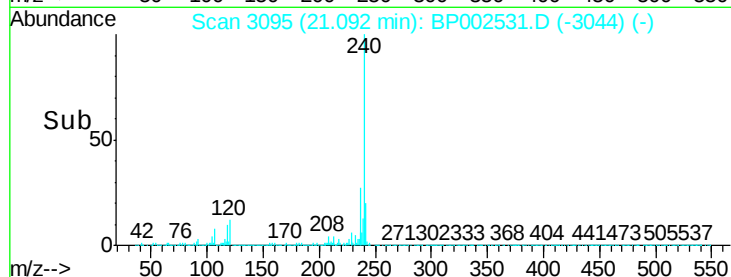
Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	11.7	8.9	13.3
236	27.0	21.7	32.5

Manual Integrations
APPROVED

mohammad

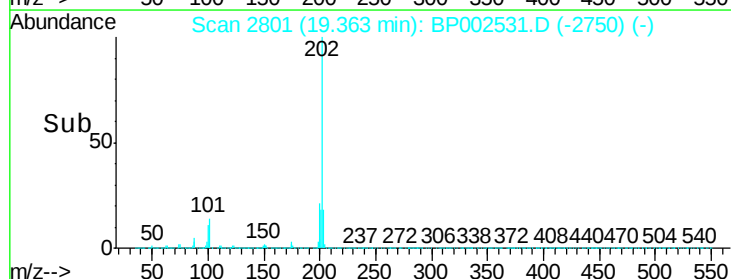
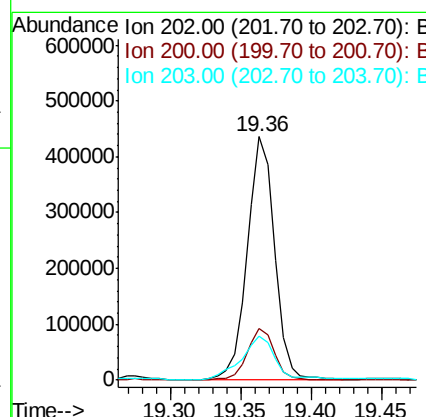
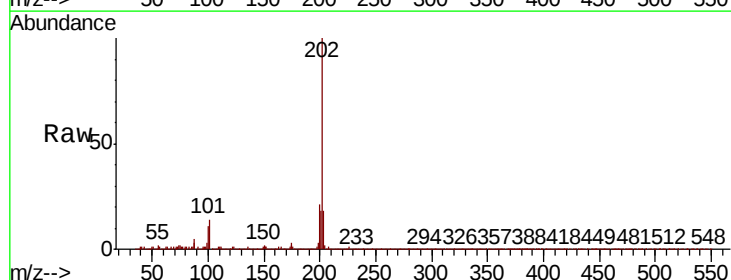


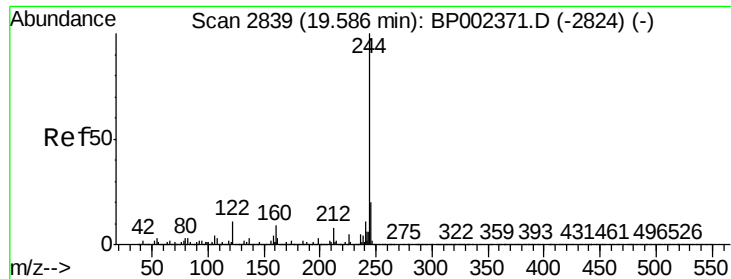
6/25/2020 1:07:40 PM



#78
Pyrene
Concen: 12.697 ng
RT: 19.36 min Scan# 2801
Delta R.T. 0.00 min
Lab File: BP002531.D
Acq: 24 Jun 2020 19:51

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	17.4	26.2
203	18.2	14.1	21.1





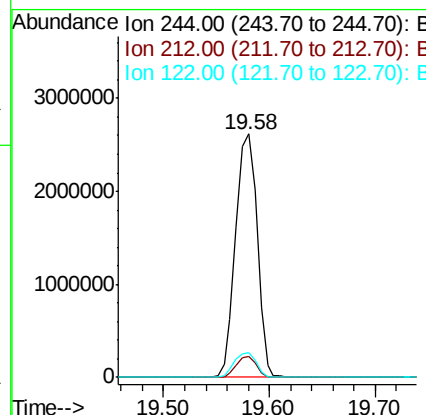
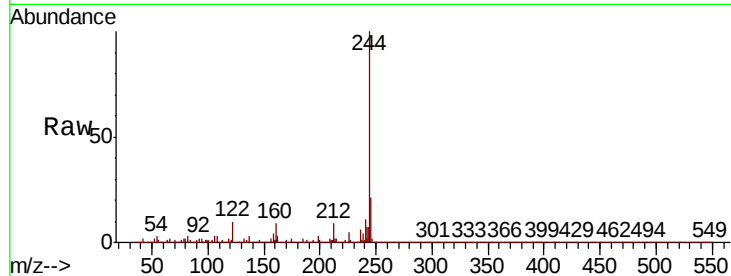
#79
 Terphenyl-d14
 Concen: 146.084 ng
 RT: 19.58 min Scan# 2838
 Delta R.T. 0.01 min
 Lab File: BP002531.D
 Acq: 24 Jun 2020 19:51

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-03-011-A

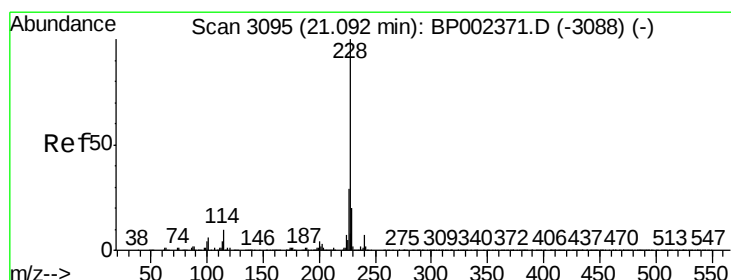
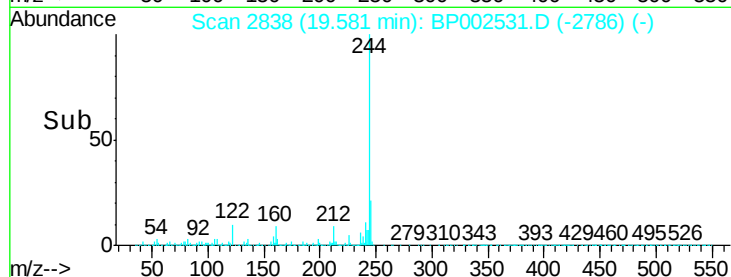
Tot Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	10.1	8.0	12.0

Manual Integrations
 APPROVED

mohammad

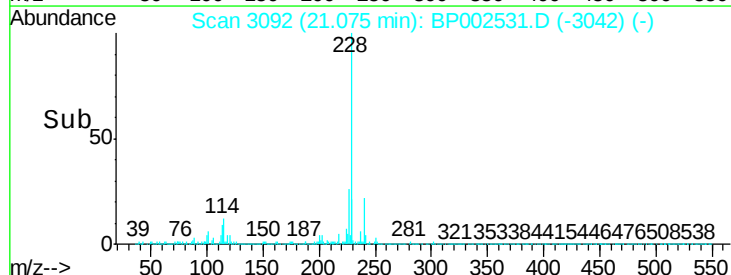
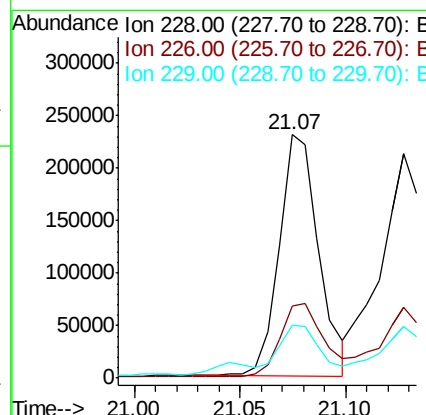
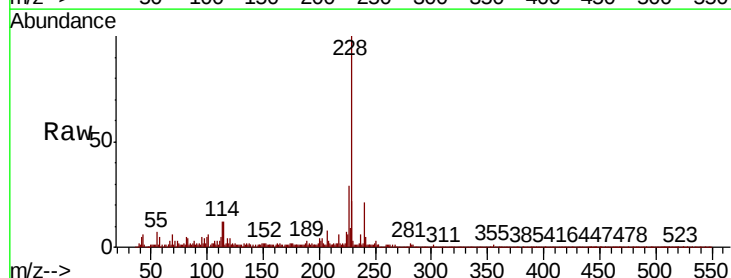


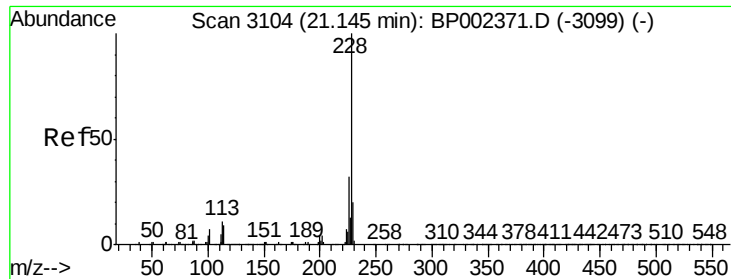
6/25/2020 1:07:40 PM



#81
 Benzo(a)anthracene
 Concen: 6.938 ng
 RT: 21.07 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BP002531.D
 Acq: 24 Jun 2020 19:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.3	33.5
229	21.7	15.9	23.9





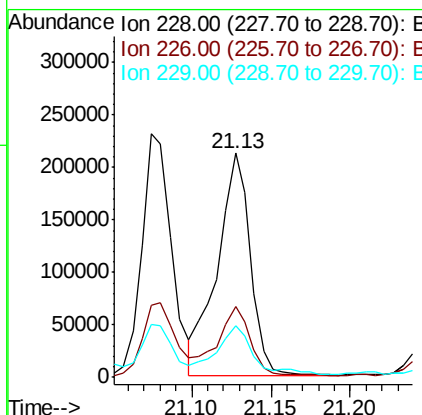
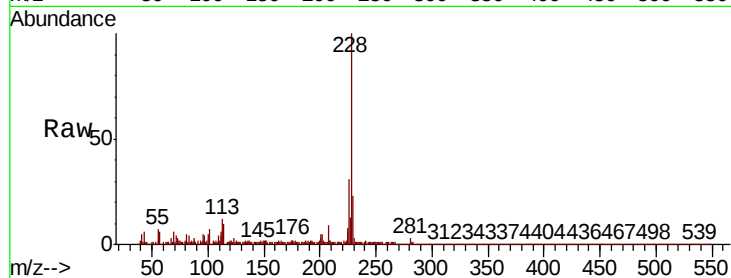
#83
Chrysene
Concen: 7.495 ng
RT: 21.13 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BP002531.D
Acq: 24 Jun 2020 19:51

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-011-A

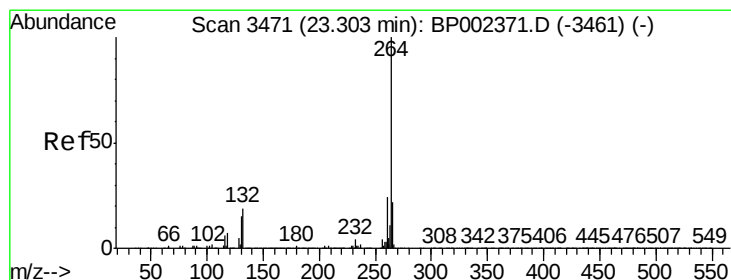
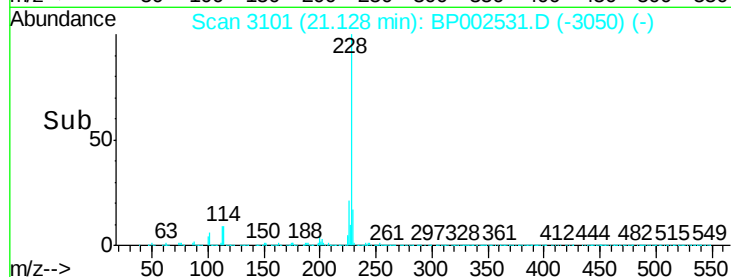
Tot Ion:	228	Resp:	305618
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.0	37.6
229	23.1	15.7	23.5

Manual Integrations
APPROVED

mohammad

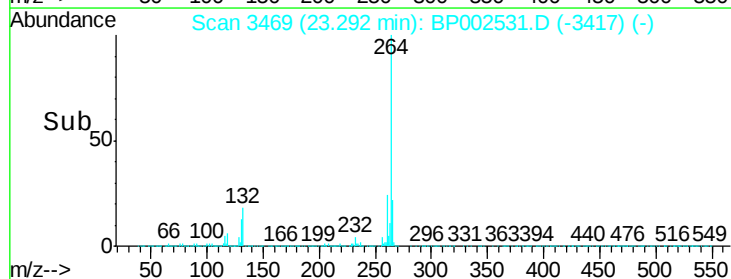
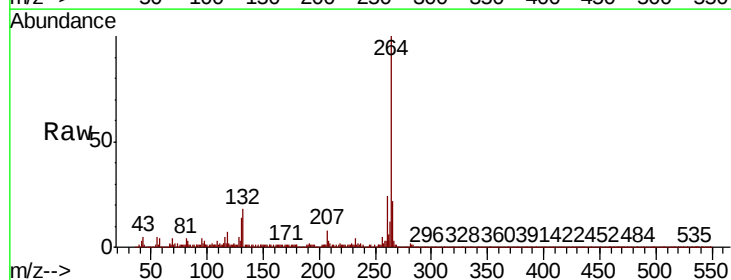
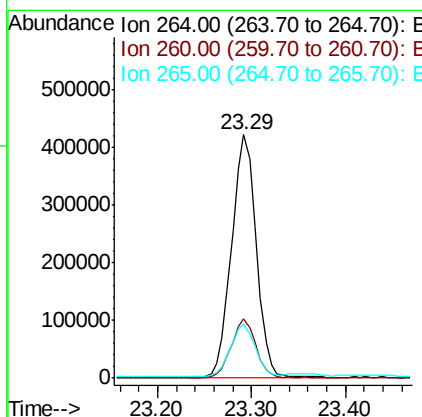


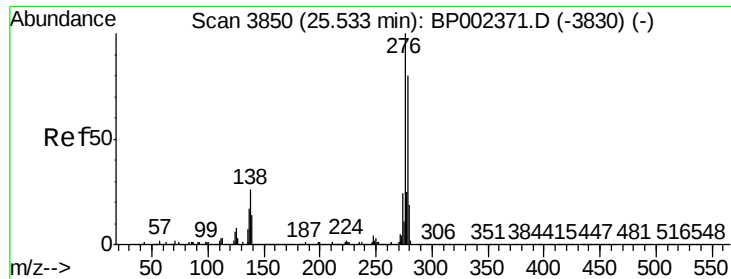
6/25/2020 1:07:40 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. 0.01 min
Lab File: BP002531.D
Acq: 24 Jun 2020 19:51

Tgt Ion:	264	Resp:	768483
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.7	29.5
265	22.1	17.6	26.4





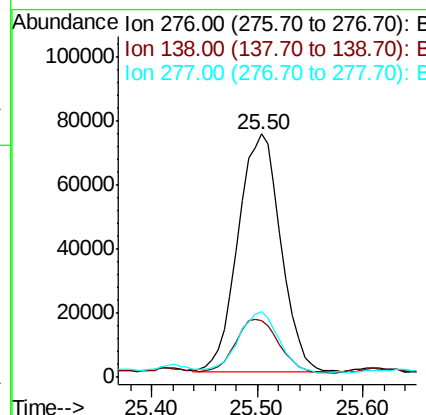
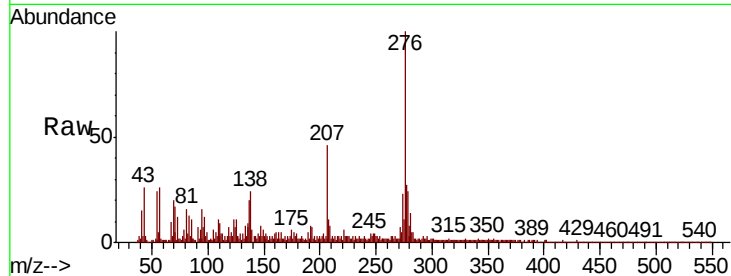
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.330 ng
 RT: 25.50 min Scan# 3845
 Delta R.T. 0.00 min
 Lab File: BP002531.D
 Acq: 24 Jun 2020 19:51

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-03-011-A

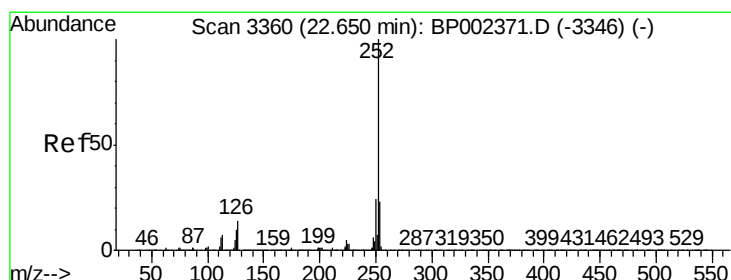
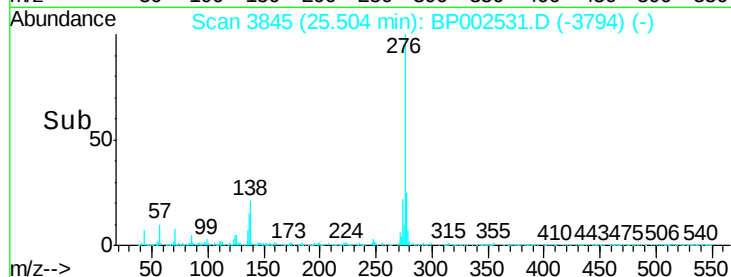
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.1	19.4	29.0
277	24.6	20.4	30.6

Manual Integrations
 APPROVED

mohammad

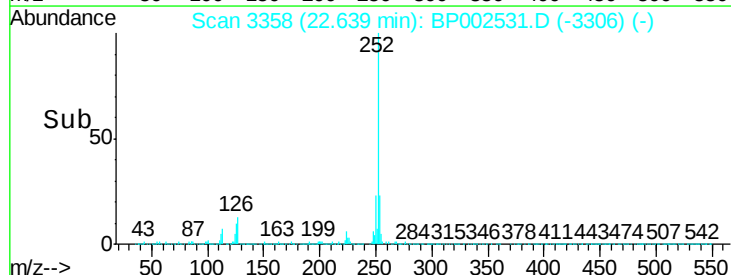
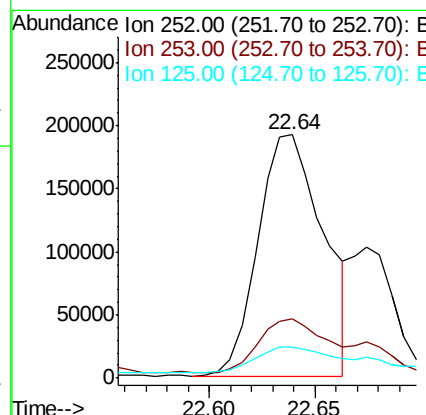
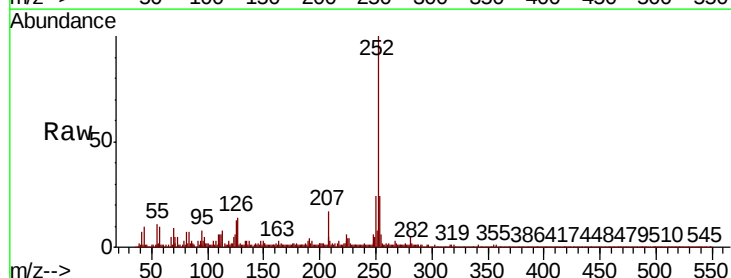


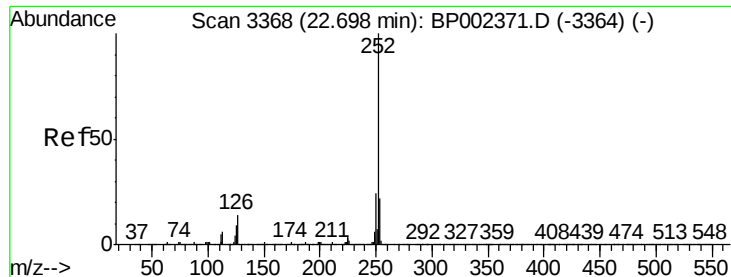
6/25/2020 1:07:40 PM



#88
 Benzo(b)fluoranthene
 Concen: 9.967 ng
 RT: 22.64 min Scan# 3358
 Delta R.T. 0.01 min
 Lab File: BP002531.D
 Acq: 24 Jun 2020 19:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	12.7	7.5	11.3





#89

Benzo(k)fluoranthene

Concen: 3.641 ng/mL

RT: 22.67 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BP002531.D

Acq: 24 Jun 2020 19:51

Instrument :

BNA_P

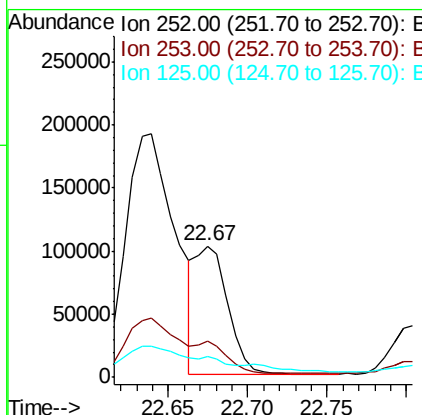
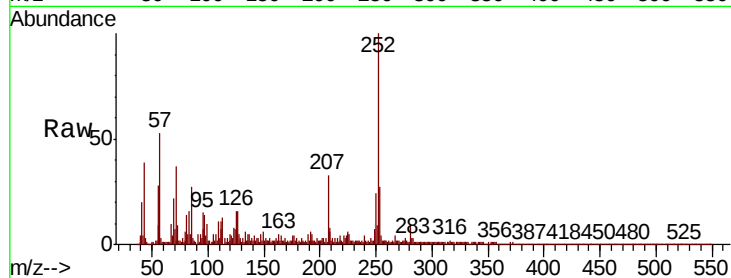
ClientSampleId :

FK-GF-03-011-A

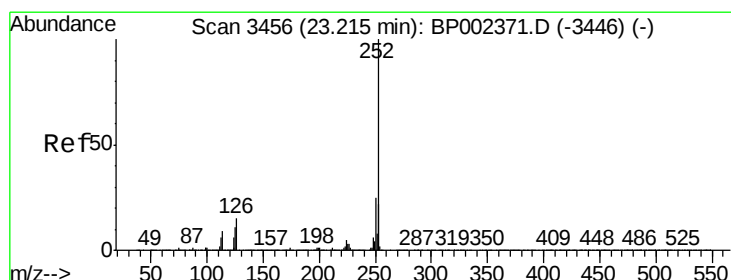
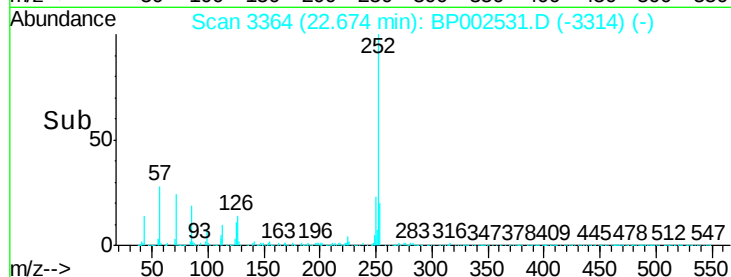
Tot Ion:	252	Resp:	143352
Ion Ratio	Lower	Upper	
252	100		
253	27.2	17.1	25.7#
125	15.6	7.0	10.4#

Manual Integrations
APPROVED

mohammad



6/25/2020 1:07:40 PM



#90

Benzo(a)pyrene

Concen: 7.231 ng/mL

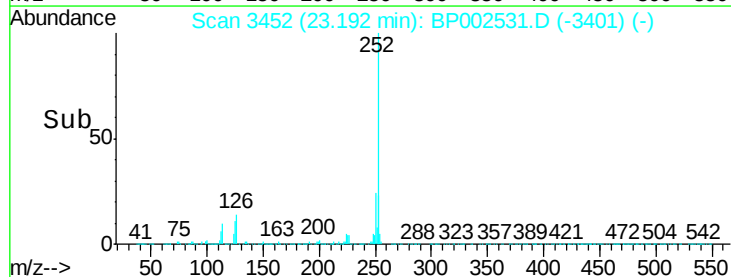
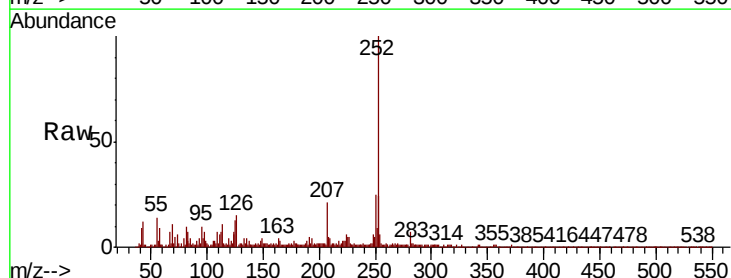
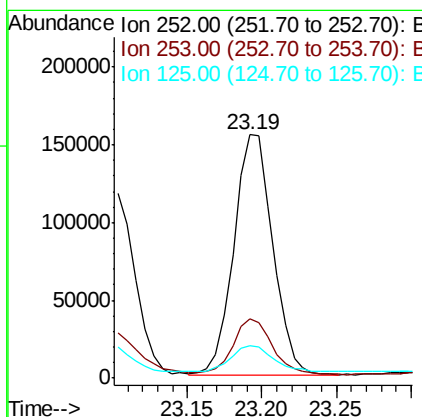
RT: 23.19 min Scan# 3452

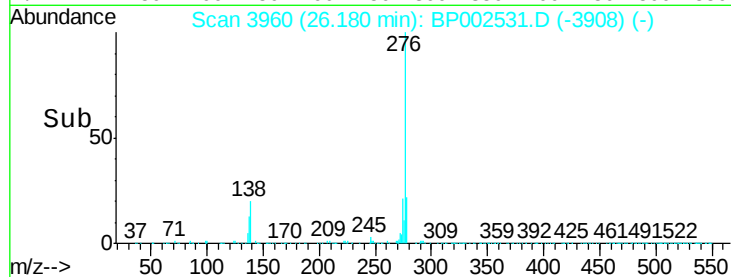
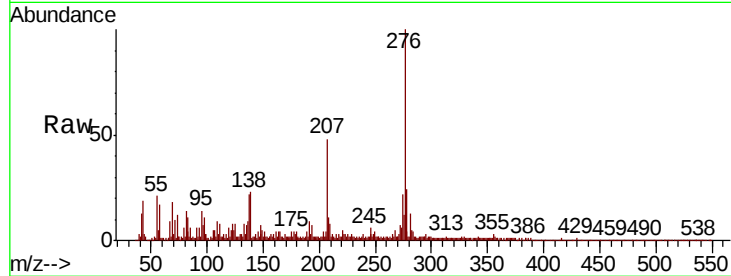
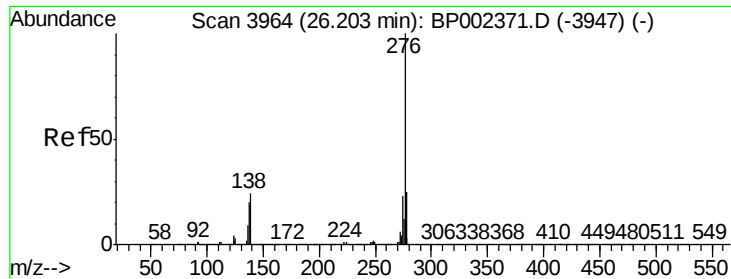
Delta R.T. 0.00 min

Lab File: BP002531.D

Acq: 24 Jun 2020 19:51

Tgt Ion:	252	Resp:	280820
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.2	27.4
125	13.4	8.7	13.1#





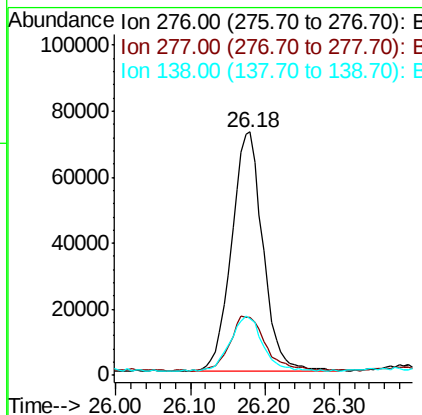
#92
Benzo(a,h,i)perylene
Concen: 5.325 ng
RT: 26.18 min Scan# 3960
Delta R.T. 0.01 min
Lab File: BP002531.D
Acq: 24 Jun 2020 19:51

Tot Ion:	276	Resp:	212650
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.7	28.1
138	23.1	17.6	26.4

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-011-A

Manual Integrations
APPROVED

mohammad



6/25/2020 1:07:40 PM